

Converting Colors

XYZ(58.3082, 58.4711, 45.9959)

Have a look what the booklet for
XYZ(58.3082, 58.4711, 45.9959)
contains.

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Color

**XYZ(58.3597, 58.5509,
46.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C4AA
RGB	226, 196, 170
RGB Percent	89%, 77%, 67%
CMY	0.1137, 0.2314, 0.3333
CMYK	0.00, 0.13, 0.25, 0.11
HSL	28°, 49%, 78%
HSV	28°, 25%, 89%
XYZ	58.3597, 58.5509, 46.2558
YIQ	202.0060, 26.2260, -1.7260

Conversions

Conversions Part 2

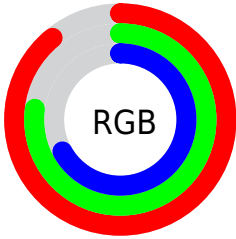
Format	Color
RYB	226, 219, 170
Decimal	14861482
CIELab	81.04, 6.68, 16.97
CIElCh	81, 18.236, 68.514
Yxy	58.5509, 0.3577, 0.3588
Android (android.graphics.Color)	4293051562 (0xFFE2C4AA)
YUV	202.0060, -15.7790, 21.0427
Hunter-Lab	76.5186, 2.2321, 17.7219

Details

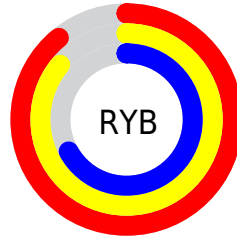
The XYZ color **58.3597, 58.5509, 46.2558** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.9589, 55.3442, 79.9486**, and the grayscale version is **56.2280, 59.1562, 64.4211**.

A 20% lighter version of the original color is **89.9559, 96.9468, 85.2056**, and **29.5206, 29.2001, 21.2198** is the 20% darker color. If you saturate the color by 10%, you get **53.7820, 52.5276, 35.0735**, and if you desaturate by 10%, it is **63.5284, 65.1672, 59.4496**.

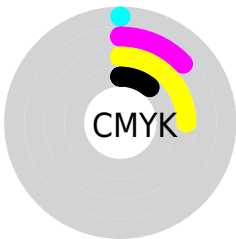
Distribution



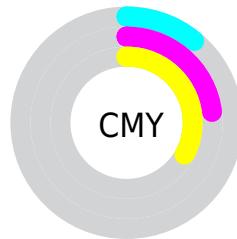
- Red (89%)
- Green (77%)
- Blue (67%)



- Red (89%)
- Yellow (86%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3597, 58.5509, 46.2558 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 58.3597, 58.5509, 46.2558 by changing the saturation by 10% instead.

 58.3597, 58.5509,
46.2558

 58.3597, 58.5509,
46.2558


408.4572,
419.2356, 388.1435

 42.3423, 42.2517,
32.0976

 101.5664,
102.7247, 85.9400

 29.5617, 29.2984,
21.1706

129.4865,
131.3680, 112.3031

 19.6525, 19.3067,
13.0563


162.1047,
164.8949, 143.5716

 12.2495, 11.8921,
7.3362

199.7866,
203.6896, 180.1640

 6.9873, 6.6702,
3.5916

242.8974,
248.1367, 222.4988

 3.5004, 3.2567,
1.4041

291.8026,

 1.4236, 1.2672,

298.6204, 270.9947

0.1449

346.8674,
355.5253, 326.0700

■ 0.2729, 0.1156,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3597, 58.5509,
46.2558

■ 58.3597, 58.5509,
46.2558

■ 53.7820, 52.5276,
35.0735

■ 63.5284, 65.1672,
59.4496

■ 49.7667, 47.0715,
25.7983

■ 69.3059, 72.3855,
74.7450

■ 46.2895, 42.1662,
18.3220

■ 75.7150, 80.2247,
92.2306

■ 43.3223, 37.7917,
12.5236

■ 81.8935, 88.3475,
107.3443

■ 40.8337, 33.9261,
8.2673

■ 85.1742, 94.9088,
108.4378

■ 38.7881, 30.5454,
5.3954

■ 37.1431, 27.6224,
3.7155

■ 36.4104, 26.2612,
3.1499

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.5426, 58.5509, 51.6325



58.3597, 58.5509, 46.2558



54.5802, 58.5509, 45.2785

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.3597, 58.5509, 46.2558



48.7583, 58.5509, 66.8881



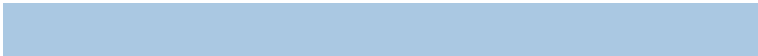
60.3075, 58.5509, 81.4933

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.3597, 58.5509, 46.2558



50.9589, 55.3442, 79.9486

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.7354, 58.5509, 86.6699



58.3597, 58.5509, 46.2558



50.1477, 58.5509, 77.6334

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3597, 58.5509, 46.2558



49.1491, 58.5509, 56.4174



53.0272, 58.5509, 85.1826



62.7022, 58.5509, 71.6961

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3597, 58.5509, 46.2558



52.2481, 58.5509, 47.1332



53.0272, 58.5509, 85.1826



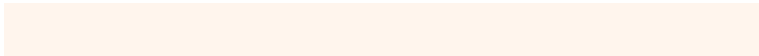
59.1983, 58.5509, 83.8793

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.3612, 58.5536, 46.2570



89.3334, 92.9539, 93.4692



56.2584, 49.1266, 61.6529



19.0196, 19.7700, 19.7358



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3612, 58.5536, 46.2570



73.3788, 72.5998, 52.5288



65.0614, 71.9538, 48.4904



14.2292, 14.7444, 14.4028



20.8883, 15.2145, 1.8358



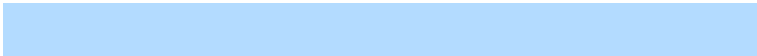
1.5368, 1.2324, 0.1569

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.9589, 55.3442, 79.9486



61.9809, 67.6560, 104.3999



45.2110, 43.8483, 78.0326



13.5570, 14.4531, 17.4629



11.8560, 11.1816, 42.5818



0.9112, 0.9538, 2.9813

Previews

White Background



This preview shows how the XYZ color 58.3597, 58.5509, 46.2558 looks on a white background.

Color Contrast Check

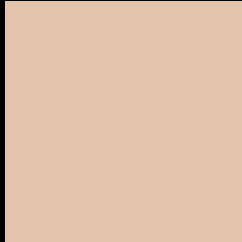
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 58.3597, 58.5509, 46.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

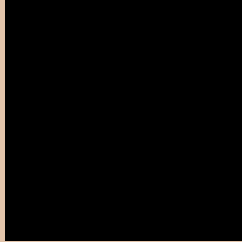
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3597, 58.5509, 46.2558

Background



This preview shows how black text looks on a background with the XYZ color 58.3597, 58.5509, 46.2558.



This preview shows how white text looks on a background with the XYZ color 58.3597, 58.5509,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.3597, 58.5509, 46.2558

Protanopia

55.4844, 58.7489, 47.4451

Deuteranopia

59.8262, 58.6417, 46.1960



Tritanopia

62.4045, 58.5408, 66.4030

Trichromacy



Original Color

58.3597, 58.5509, 46.2558

Protanomaly

56.3894, 58.5388, 46.8552

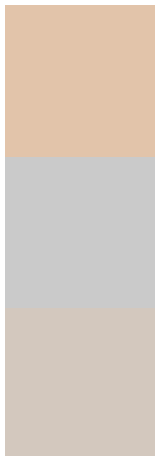
Deuteranomaly

59.4039, 58.7555, 46.2402

Tritanomaly

61.0087, 58.6482, 58.5568

Monochromacy



Original Color

58.3597, 58.5509, 46.2558

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8125, 58.8751, 57.0849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3597, 58.5509, 46.2558 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 196, 170)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 196, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 170) }
```

Border

The CSS property to change the border of an element to XYZ 58.3597, 58.5509, 46.2558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 196, 170) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 196, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 196, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 196, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 196, 170);  
box-shadow:4px 4px 4px 4px rgb(226, 196,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3597, 58.5509, 46.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
196, 170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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